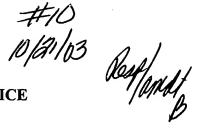


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



## Art Unit 2127 Examiner Kenneth Tang

In Re:

Andrew E. Kalman

Case:

P4300

Serial No.:

09/492,242

Filed:

January 27, 2000

Subject:

A Multi-Tasking Real-Time Operating System for Microprocessors

with Limited Memory

**RECEIVED** 

To the Commissioner of Patents and Trademarks Washington, D.C. 20231

AUG 2 9 2003

Technology Center 2100

Dear Sir,

## Response B

## In the claims:

All of the claims standing for examination in the above-referenced case are reproduced below. Claim 1 is currently amended.

1./A real-time operating system (RTOS) for use with minimal-memory controllers comprising:

a kernel for managing task execution, including context switching; and a plurality of defined tasks as code sets, individual ones of the tasks having subroutines callable in nested levels for accomplishing tasks;

characterized in that the kernel constrains context switching to occur only